



Attorney's Docket No.: 07334-335001 / MPI99-258CP1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John Bertin et al.
Serial No. : 09/931,071
Filed : August 15, 2001
Title : NOVEL MOLECULES OF THE CARD-RELATED PROTEIN FAMILY AND
USES THEREOF

Art Unit : 1635
Examiner : Sean McGarry

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

In response to the Restriction Requirement dated April 24, 2003, applicants elect the invention of Group V, drawn to methods of treating a disorder associated with inappropriate apoptosis by modulating CARD-7 activity or expression. The election is made without traverse.

Prior to examination, please amend the application as indicated on the following sheets, a total of 5 pages.

Enclosed is a check for excess claim fees. Please apply any other charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 07334-335001.

Respectfully submitted,

Date: May 27, 2003

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May 27, 2003
Date of Deposit
Carol Tyrrell
Signature
Carol Tyrrell
Typed or Printed Name of Person Signing Certificate

In the Claims:

Please amend the claims as follows:

1-16. (Canceled)

17. (Original) A method of treating a disorder associated with inappropriate apoptosis, the method comprising modulating the expression or activity of CARD-7.

18. (New) The method of claim 17, wherein the method comprises administering to an individual a compound that modulates the expression of CARD-7.

19. (New) The method of claim 18, wherein the compound is a small molecule, an antisense nucleic acid molecule, a ribozyme, or a polypeptide.

20. (New) The method of claim 18, wherein the compound increases the expression of CARD-7.

21. (New) The method of claim 18, wherein the compound decreases the expression of CARD-7.

22. (New) The method of claim 21, wherein the compound is an antisense nucleic acid molecule or a ribozyme.

23. (New) The method of claim 18, wherein the disorder is associated with an undesirably high level of apoptotic cell death.

24. (New) The method of claim 18, wherein the disorder is associated with an undesirably low level of apoptotic cell death.

25. (New) The method of claim 18, wherein the disorder is an immune disorder.

26. (New) The method of claim 25, wherein the immune disorder is an inflammatory disorder.

27. (New) The method of claim 18, wherein the disorder is a neurodegenerative disorder.

28. (New) The method of claim 18, wherein the disorder is amyotrophic lateral sclerosis or a cerebral ischemia-induced disorder.

29. (New) The method of claim 17, wherein the method comprises administering to an individual a compound that modulates the activity of CARD-7.

30. (New) The method of claim 29, wherein the compound is a small molecule, an antisense nucleic acid molecule, a ribozyme, or a polypeptide.

31. (New) The method of claim 29, wherein the compound increases the activity of CARD-7.

32. (New) The method of claim 29, wherein the compound decreases the activity of CARD-7.

33. (New) The method of claim 32, wherein the compound is a small molecule, an antisense nucleic acid molecule, a ribozyme, or a polypeptide.

34. (New) The method of claim 29, wherein the disorder is associated with an undesirably high level of apoptotic cell death.

35. (New) The method of claim 29, wherein the disorder is associated with an undesirably low level of apoptotic cell death.

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36. (New) The method of claim 29, wherein the disorder is an immune disorder.

37. (New) The method of claim 36, wherein the immune disorder is an inflammatory disorder.

38. (New) The method of claim 29, wherein the disorder is a neurodegenerative disorder.

39. (New) The method of claim 29, wherein the disorder is amyotrophic lateral sclerosis or a cerebral ischemia-induced disorder.

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REMARKS

Claims 17-39 are pending in the application. Claims 1-16 have been canceled and claims 18-39 have been added. The application has been amended to cancel those claims drawn to non-elected inventions and to add new claims directed to the invention of Group V. Support for the new claims can be found in the specification at, e.g., page 5, line 29, to page 7, line 19, and page 12, line 25, to page 13, line 18. These amendments add no new matter.